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 TI Set accelerator for hydraulic binder  
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 PA Mapei S.P.A., Italy  
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 LA English  
 IC ICM C04B022-00  
 CC 58-3 (Cement, Concrete, and Related Building Materials)  
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	CN 1867524	A	20061122	CN 2004-80030039	20041013
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# CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
WO 2005040059	ICM	C04B022-00
	IPCI	C04B0022-00 [ICM,7]; C04B0022-00 [ICS,7]
	IPCR	C04B0040-00 [I,C*]; C04B0040-00 [I,A]
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EP 1680376	IPCI	C04B0022-00 [ICM,7]
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CN 1867524	IPCI	C04B0022-00 [I,A]; C04B0022-00 [I,C]; C04B0022-00 [I,A]
	IPCR	C04B0022-00 [I,C]; C04B0022-00 [I,A]; C04B0040-00 [I,C*]; C04B0040-00 [I,A]
	ECLA	C04B040/00D; C04B040/00D4

AB This invention discloses an accelerating admixt. for hydraulic binders comprising of: (a) the reaction products of an alkali metal inorg. substance reacting with a mixture of a carboxylic acid and/or a hydrohalogenic acid (e.g., HF); (b) aluminum sulfate; (c) a manganese carbonate or sulfate; (d) amorphous aluminum hydroxide; and optionally (e) a lithium salt, and/or an amino acid, or an amino acid aluminum salt, or a mixture of aluminum sulfate with amino acid. The alkaline substance is sodium or potassium hydroxide and/or sodium or potassium aluminate. The lithium salt is lithium hydroxide or lithium cryolite. The amino acid is glycine.

ST cement aluminate aluminum hydroxide carboxylic acid setting

accelerator

IT Setting agents

(accelerators; set accelerator for hydraulic binder)

IT Compressive strength

(of cement paste; set accelerator for hydr